



CITY OF DURHAM | NORTH CAROLINA

Date: August 16, 2013

To: Thomas J. Bonfield, City Manager

Through: W. Bowman Ferguson, Deputy City Manager

From: Marvin G. Williams, Director of Public Works

Subject: Interlocal Cooperation Agreement between the County of Durham and the City of Durham regarding construction of pavement in Main, Queen and Dillard Streets

Executive Summary

The sections of Queen and Dillard Streets surrounding the Durham County Human Services Facility were listed in the Department of Public Works repaving program for 2012, but were removed due to the on-going construction of the Durham County Human Services Facility project. During the construction of the Human Services Facility project the contractor for Durham County identified several locations on Queen St. and Dillard St. as having poor subgrade conditions and insufficient asphalt thickness. Additionally, the construction effort and utility cuts on the adjacent sections of Main Street have added to the degradation of this street. In an effort to partner with Durham County, and to complete the repaving work that Public Works had previously identified as a necessity, it is recommended that the City of Durham (City) utilize the Human Services Facility project as an avenue to complete the paving of Queen St., Dillard St, and Main St. Public Works believes that taking advantage of the current ongoing construction project will allow the City to realize substantial cost savings of approximately \$66,228.00.

Recommendation

The Public Works Department recommends that Council authorize the City Manager to approve the Interlocal Cooperation Agreement between the County of Durham and the City of Durham for a maximum payment from the City to the County of up to \$83,000.00.

Background

The Durham County Human Services Facility project is a new 277,590 square foot building and 404 space parking facility to house the Durham Center (Mental Health), Social Services, and Public Health Departments. The project is located on the 400 and 500 blocks of East Main Street and is under construction (see attached vicinity map).

Issues and Analysis

The original scope of the Durham County Human Services Facility project included milling a portion of the existing asphalt, building new curb and gutter, installing a 2.5-inch asphalt overlay on sections of Queen Street and Dillard Street, utility patch work on Main Street, and milling and overlay of Ramseur Street.

During construction, City staff determined that the existing pavement sections of Queen and Dillard Streets, including the sub-grade and the asphalt layers, were inadequate and did not meet City standards. The repairs required to bring these sections of Queen and Dillard Street to City standards require more than the 2.5-inch asphalt overlay proposed in the approved construction drawings for the County project. It was also determined that the Main Street utility patching would not be adequate to fully address this section of Main Street and a full 2.5" mill and overlay is necessary instead. Ramseur Street has remained in good condition throughout the County's construction project and it has been determined that a 1.5" mill and overlay is adequate for this street as opposed to the approved 2.5" mill and overlay.

Public Works produced a cost estimate (based upon current contractor costs) for cost to the City if the City contracted to make the needed repairs to Queen Street, Dillard Streets, and Main Streets. This estimate is \$149,228.00. If instead the City enters into this agreement with the County and the County's contractor performs the work the improvements can be made and the City's cost to have these improvements made will be up to \$83,000.00, for a cost savings to the City of \$66,228.00. The additional street repair work would include the entire section of Queen Street, approximately half of Dillard Street, and a mill and overlay of one lane of Main Street adjacent to the Durham County project.

Alternatives

Public Works could go through the bidding process to select a contractor to do the repairs and would be subject to current fluctuations in asphalt and materials costs. In the event this alternative is selected, it is anticipated that the potential cost of the repairs would be \$149,228.00 (this number is construction costs only and contains no contingency).

Financial Impact

The cost of the repairs shall be up to \$83,000.00 and the source of the funding shall be the FY 2013 Repaving Funds encumbered under contract #10671 and carried forward to FY14.

SDBE Summary

The SDBE Summary section is not applicable for this update.